

FIG. 1

d111

200		201		204		202		205	206		203		302	
CONTENT ID	CONTENT NAME	MEDIA (VIEW)				MEDIA (PREVIEW)		AMOUNT (CHARGE)	LOCATOR	TIME				
		LOCATOR	TIME	LOCATOR	TIME									
a ϕ b/c ...	AAA	a.b.c.b/AAA.mpg	15 Minutes	¥ 300	a.b.c.b/AAA.p1.mpg	15 Seconds								
b ϕ c/d ...	BBB	a.b.c.b/BBB.mpg	30 Minutes	¥ 500	a.b.c.b/BBB.p2.mpg	30 Seconds								
...	...				a.b.c.b/BBB.p.mpg	1 Minute								

CONTENT MANAGEMENT INFORMATION

FIG. 2

300		201	301	205	302
CONTENT ID	CONTENT NAME	TIME	AMOUNT (CHARGE)	PREVIEW	
a ϕ b1c ...	AAA	15 Minutes	¥ 300	15 Seconds	30 Seconds
b ϕ c1d ...	BBB	30 Minutes	¥ 500	1 Minute	
...	...				

LIST INFORMATION

FIG. 3

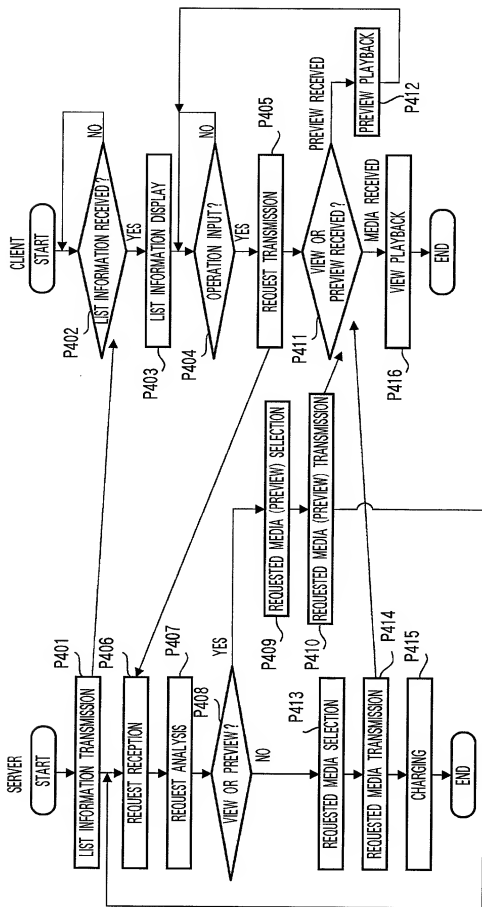


FIG. 4

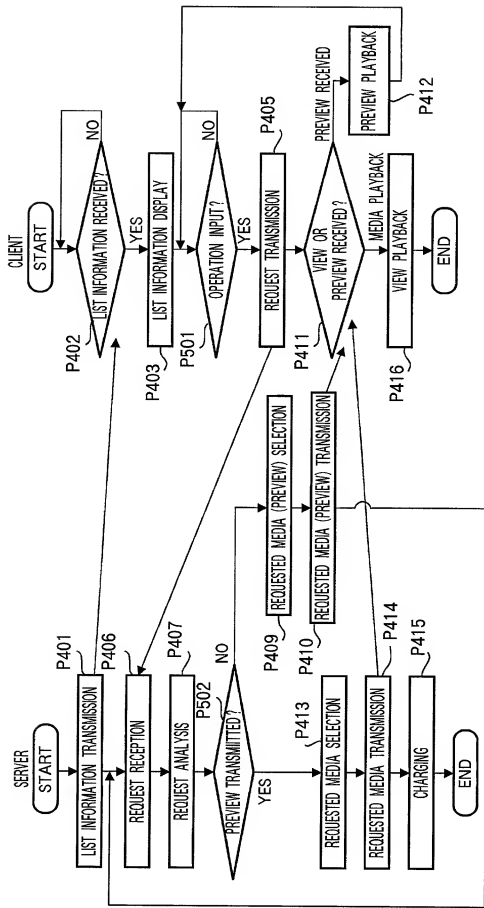


FIG. 5

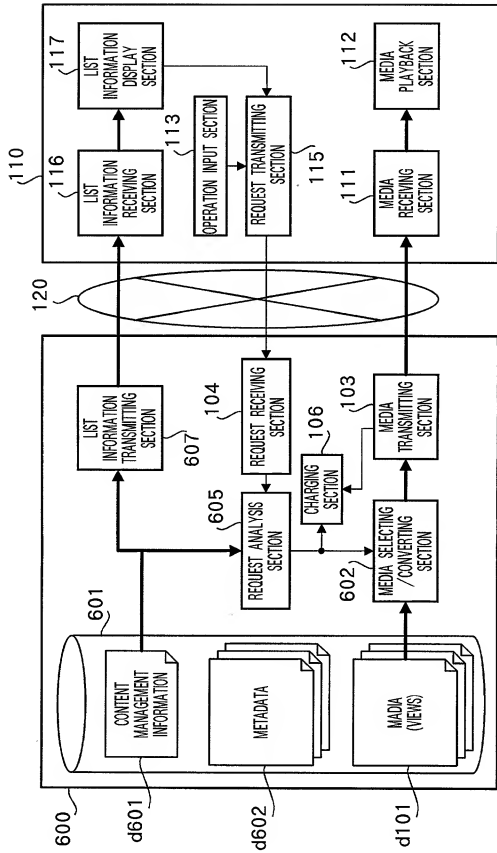


FIG. 6

```

<?xml version="1.0">
<Mpeg7 xmlns:lang="ja"...>
  <Description xsi:type="ContentEntityType">
    <MultimediaContent xsi:type="AudioVisualType">
      <AudioVisual>
        <MediaInformation>
          :
          <MediaProfile>
            :
            <MediaInstance>
              :
              <MediaLocator>
                <MediaUri> http://foo.org/content.mpg </MediaUri>
              </MediaLocator>
            </MediaInstance>
          </MediaProfile>
        </MediaInformation>
      :
      <TemporalDecomposition criteria="scene"overlap="false"gap="false">
        <AudioVisualSegmentid="Seg0">
          <PointOfView viewpoint="CAMERA_ZOOM">
            <Importance> <Value> 0.2 </Value> </Importance>
          </PointOfView>
          <PointOfView viewpoint="CAMERA_SPEED">
            <Importance> <Value> 0.6 </Value> </Importance>
          </PointOfView>
          <PointOfView viewpoint="exciting">
            <Importance> <Value> 0.6 </Value> </Importance>
          </PointOfView>
          <MediaTime>
            <MediaRelTimePoint> PT0S </MediaRelTimePoint>
            <MediaIncrDuration mediaTimeUnit="PT1001N30000F">
              559
            </MediaIncrDuration>
          </AudioVisualSegment>
          <AudioVisualSegment>
            :
            </AudioVisualSegment>
          :
        </TemporalDecomposition>
      </AudioVisual>
    </MultimediaContent>
  </Description>
</Mpeg7>

```

Diagrammatic annotations for the XML structure:

- A bracket on the right groups the `<MediaUri>` and `</MediaUri>` elements, labeled **d701**.
- A large bracket on the right groups the `<AudioVisualSegment>` elements within the `<TemporalDecomposition>` block, labeled **d702**.
 - Inside this group, a bracket groups the `<Importance>` elements for `CAMERA_ZOOM`, `CAMERA_SPEED`, and `exciting`, labeled **d703a**, **d703b**, and **d703c** respectively.
 - Another bracket groups the `<MediaTime>` elements (including `<MediaRelTimePoint>` and `<MediaIncrDuration>`) for the same viewpoints, labeled **d704**.

FIG. 7

d601

200		201		204		202		301		205		701		702		801	
CONTENT ID	CONTENT NAME	MEDIA				AMOUNT (CHARGE)	MATEDATA										
		LOCATOR	TIME	LOCATOR	VIEWPOINTS												
a φ b1c ...	AAA	a.b.c.b/AAA.mpg	15 Minutes	¥ 300	a.b.c.b/AAA.mp7	Home runs Hits, Strike – outs, ...											
b φ c1d ...	BBB	a.b.c.b/BBB.mpg	30 Minutes	¥ 500	a.b.c.b/BBB.mp7	Luke,Leia,Solo,SFX, Action,Scenery, ...											
...	...																

CONTENT MANAGEMENT INFORMATION

FIG. 8

800

200		301		205	801	
CONTENT ID	CONTENT NAME	TIME	AMOUNT (CHARGE)	VIEWPOINT		
a φ b1c ...	AAA	15 Minutes	¥ 300	Home runs, Hits, Strike – outs, ...		
b φ c1d ...	BBB	30 Minutes	¥ 500	Luke, Leia Solo, SFX, Action, Scenery, ...		
...	...					

LIST INFORMATION

FIG. 9

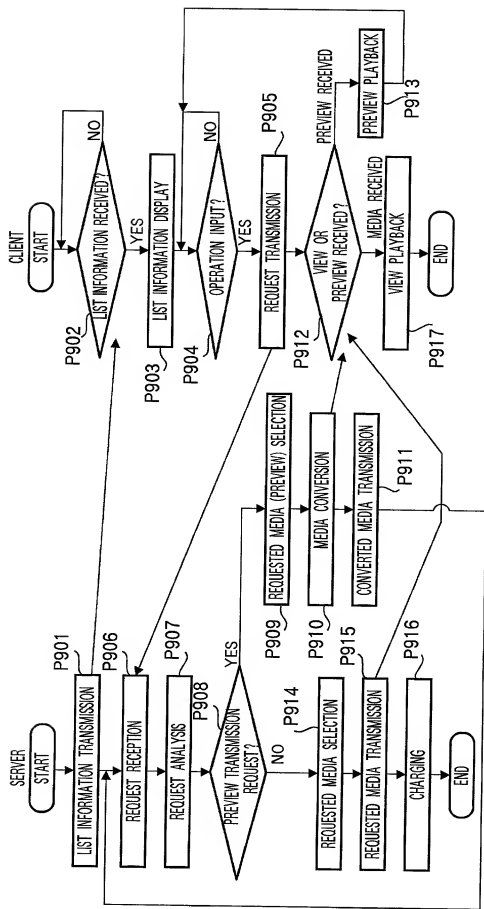


FIG. 10

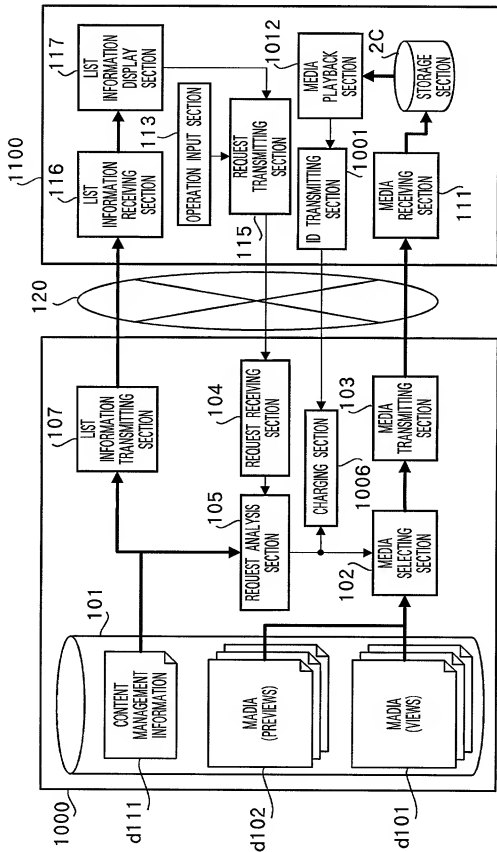


FIG. 11

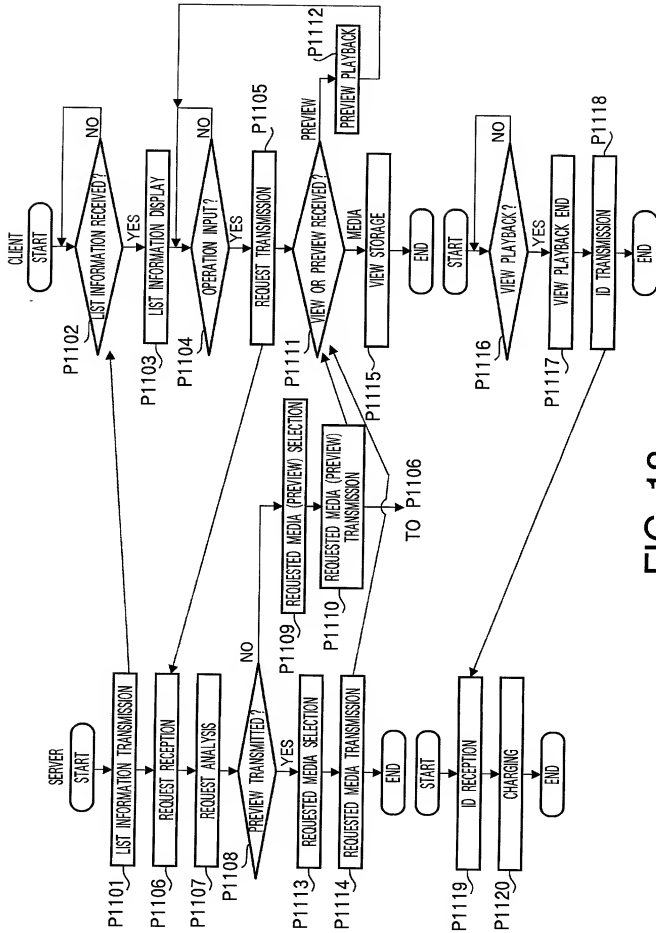


FIG. 12

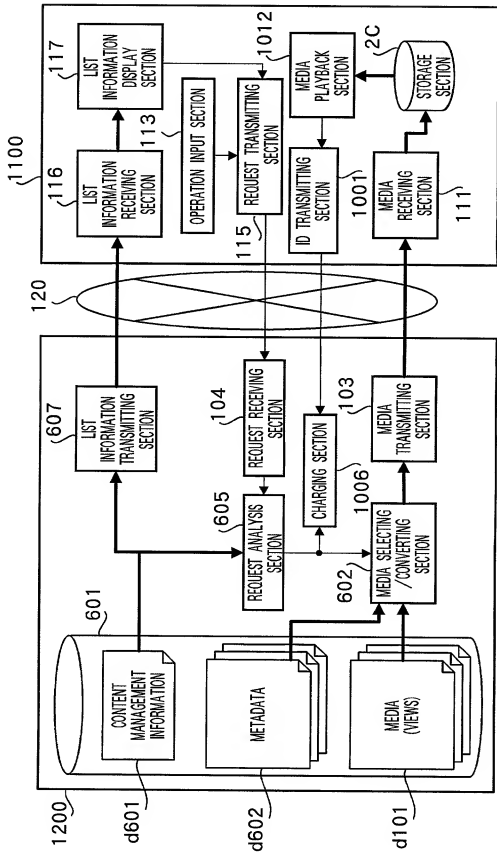
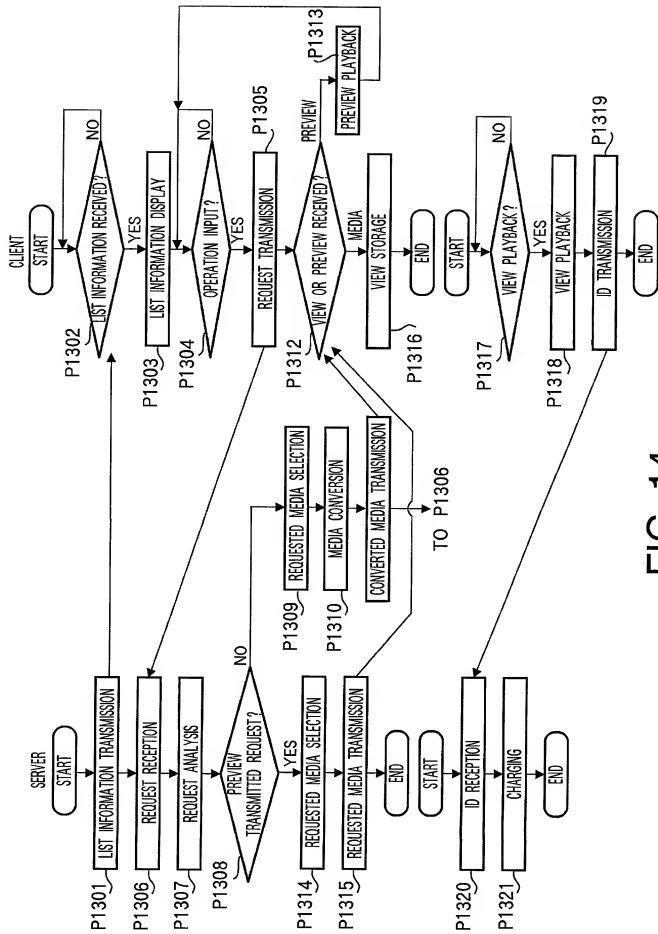


FIG. 13



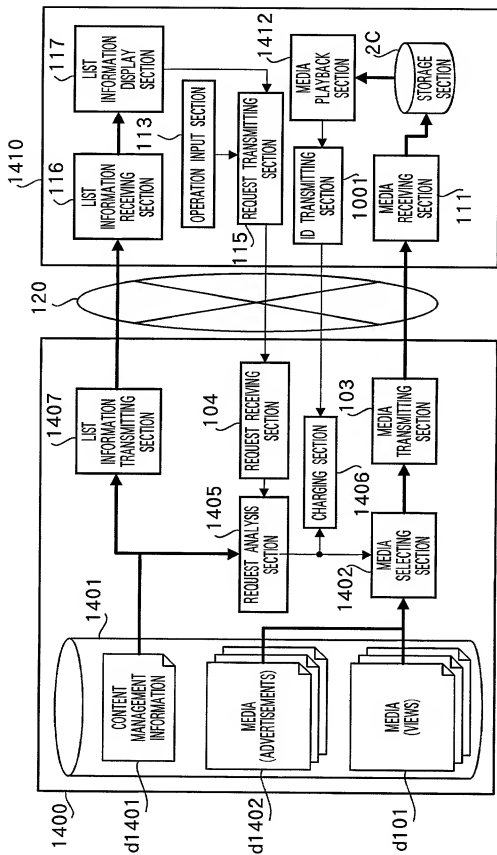


FIG. 15

d1401

200		201		1501		204		202		301		205		1502		1503		1504		1505		1506	
CONTENT ID	CONTENT NAME	MEDIA ID	MEDIA (VIEW)		LOCATOR	TIME	AMOUNT (CHARGE)	COCATOR	ADVERTISEMENTS				TIME										
			PAYBACK	COMPANY					TIME														
M00001	AAA	M00001	a.b.c.b/AAA.mpg	15 Minutes	¥ 300	a.b.c.b/CM1.mpg	¥ 150	Company A	15 Seconds														
M00002	BBB	M00002	a.b.c.b/BBB.mpg	30 Minutes	¥ 500	a.b.c.b/CM2.mpg	¥ 300	Company B	30 Seconds														
	...																						

CONTENT MANAGEMENT INFORMATION

FIG. 16

1600				
200	201		205	
	301		1601	
CONTENT ID	CONTENT NAME	TIME	AMOUNT (CHARGE)	ADVERTISEMENT
M00001	AAA	15 Minutes	¥ 300	Company A (15 Seconds, ¥ 150)
				Company B (30 Seconds, ¥ 300)
M00002	BBB	30 Minutes	¥ 500	Company B (30 Seconds, ¥ 300)
	...			

LIST INFORMATION

FIG. 17

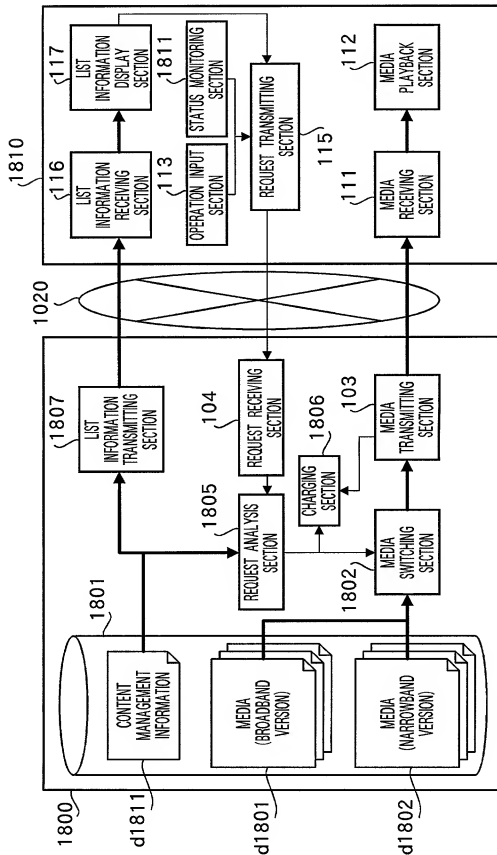


FIG. 19

200		201		2001		1901		1903		2002		1904		1906	
		CONTENT ID		CONTENT NAME		MEDIA (BROADBAND)		MEDIA (NARROWBAND)							
						TIME	AMOUNT (CHARGE)	TIME	AMOUNT (CHARGE)						
C001		AAA				15 Minutes	¥ 300	15 Minutes	¥ 200						
C002		BBB				30 Minutes	¥ 500	30 Minutes	¥ 300						
...		...													

LIST INFORMATION

FIG. 21

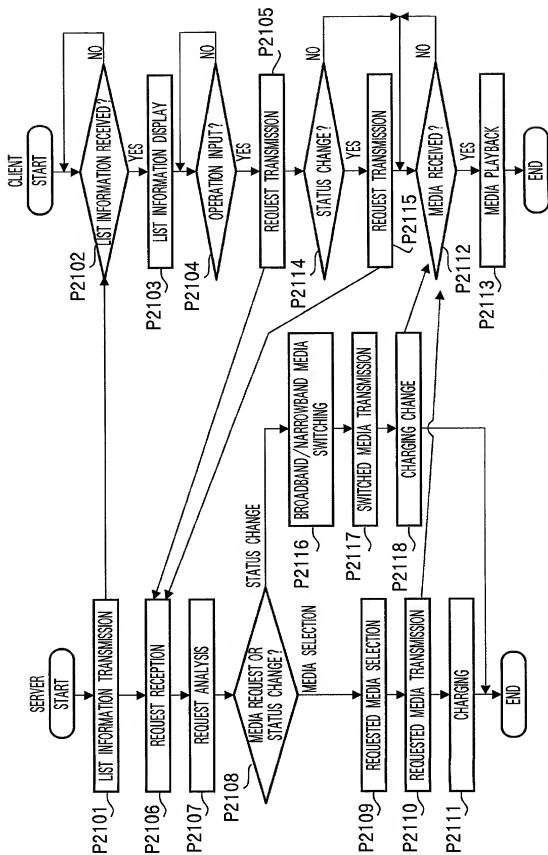


FIG. 22

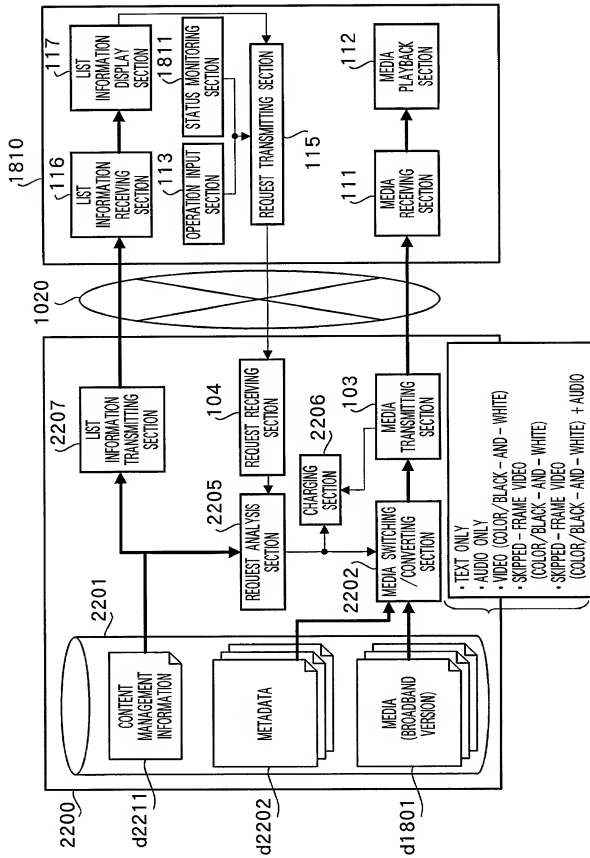


FIG. 23

d2211

200		201		1902		1901		2001		1903		2401		2301		2303		2304		2305	
CONTENT ID	CONTENT NAME	MEDIA (BROADBAND)				METADATA															
		LOCATOR	TIME	AMOUNT (CHARGE)	LOCATOR	AMOUNT (CHARGE)	BAND PROFILE (bps)	TYPE													
D001	AAA	a.b.c.b./AAAW.mpg	15 Minutes	¥ 300	a.b.c.b./AAA1.mp7	¥ 200	15000	Skipped													
						¥ 100	384	Video													
						¥ 50	128	Text													
D002	BBB	a.b.c.b./BBBW.mpg	30 Minutes	¥ 500	a.b.c.b./BBB.mpg	¥ 300	15000	Skipped													
...	...																				

CONTENT MANAGEMENT INFORMATION

FIG. 24

		200		201		2001		1903		2401		2400		2402	
		CONTENT ID		CONTENT NAME		MEDIA (BROADBAND)		MEDIA (NARROWBAND)							
						TIME	AMOUNT (CHARGE)	TIME	AMOUNT (CHARGE)						
D001		AAA		15 Minutes		¥ 300		15 Minutes (Skipped)	¥ 200						
								15 Minutes (Video)	¥ 100						
								Text	¥ 50						
D002		BBB		30 Minutes		¥ 500		30 Minutes	¥ 300						
...		...													

LIST INFORMATION

FIG. 25

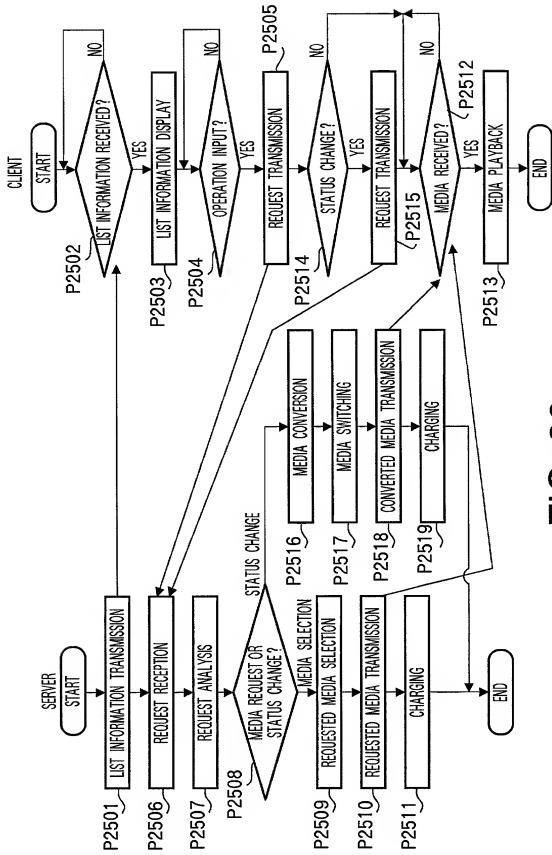


FIG. 26

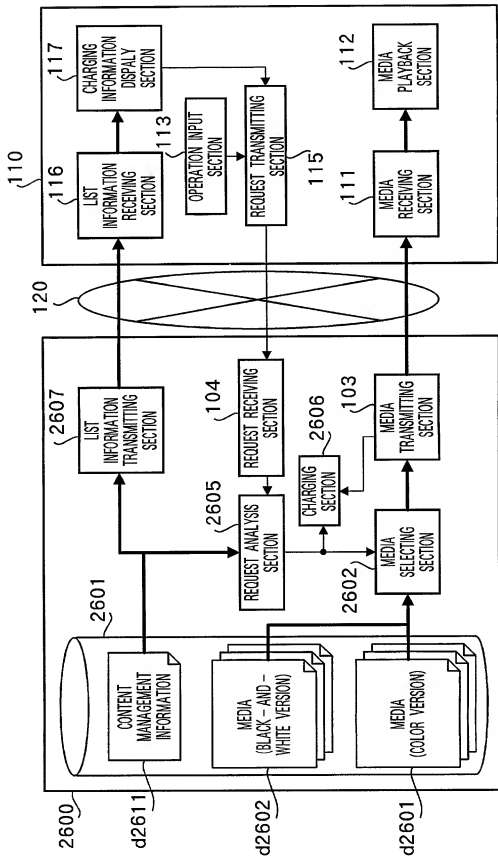


FIG. 27

d2611

CONTENT ID	CONTENT NAME	MEDIA			
		LOCATOR	TIME	AMOUNT (CHARGE)	CONDITION
E001	AAA	a.b.c.b/AAAcolor.mpg	15 Minutes	¥ 300	Color
		a.b.c.b/AAAbw.mpg	15 Minutes	¥ 150	Black - and - White
E002	BBB	a.b.c.b/BBBcolor.mpg	30 Minutes	¥ 500	Color
...	...				

CONTENT MANAGEMENT INFORMATION

FIG. 28

2800

CONTENT ID	CONTENT NAME	TIME	CONDITION	AMOUNT (CHARGE)
E001	AAA	15 Minutes	Color	¥ 300
			Black - and - White	¥ 150
E002	BBB	30 Minutes	Color	¥ 500
...	...			

LIST INFORMATION

FIG. 29

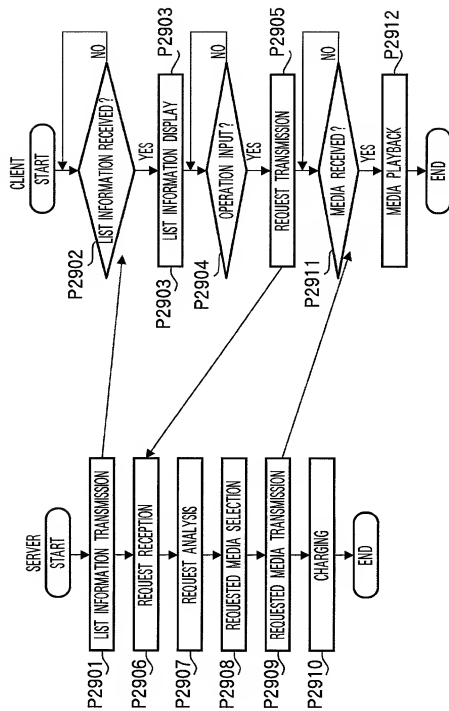


FIG. 30

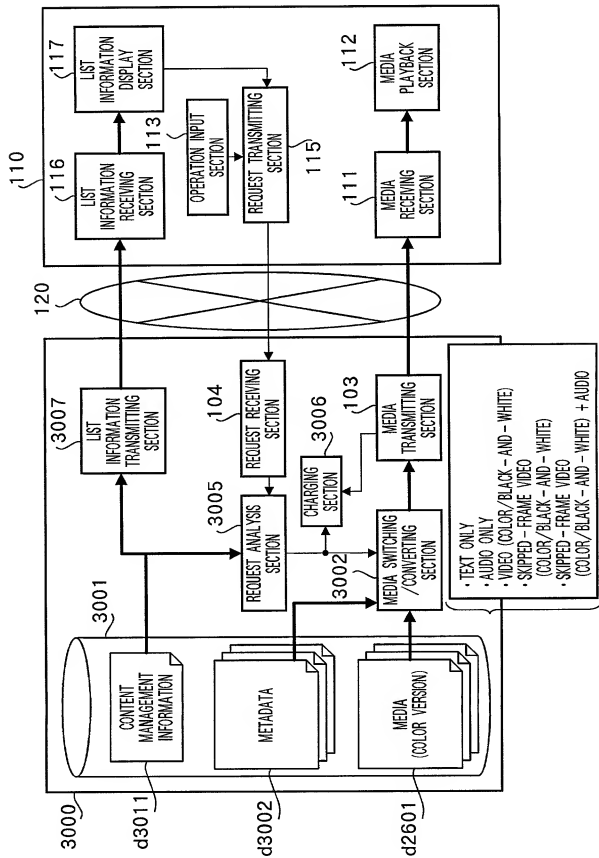


FIG. 31

d3011

CONTENT ID	CONTENT NAME	MEDIA (COLOR VERSION)		AMOUNT (CHARGE)	LOCATOR	METADATA	
		LOCATOR	TIME			AMOUNT (CHARGE)	VARIATION KEY
F001	AAA	a.b.c.b/AAAcolor.mpg	15 Minutes	¥ 300	a.b.c.b/AAA3.mp7	¥ 200	*
						¥ 100	*
						¥ 50	*
F002	BBB	a.b.c.b/BBBcolor.mpg	30 Minutes	¥ 500	a.b.c.b/BBB.mp7	¥ 300	
...	...						

CONTENT MANAGEMENT INFORMATION

FIG. 32

3200		3201	3202	3203
CONTENT ID	CONTENT NAME	TIME	CONDITION	AMOUNT (CHARGE)
F001	AAA	15 Minutes	Color	¥ 300
			Color skipped	¥ 200
			Video only	¥ 100
			Text only	¥ 50
F002	BBB	30 Minutes	Color	¥ 500
			Color skipped	¥ 300
...				

LIST INFORMATION

FIG. 33

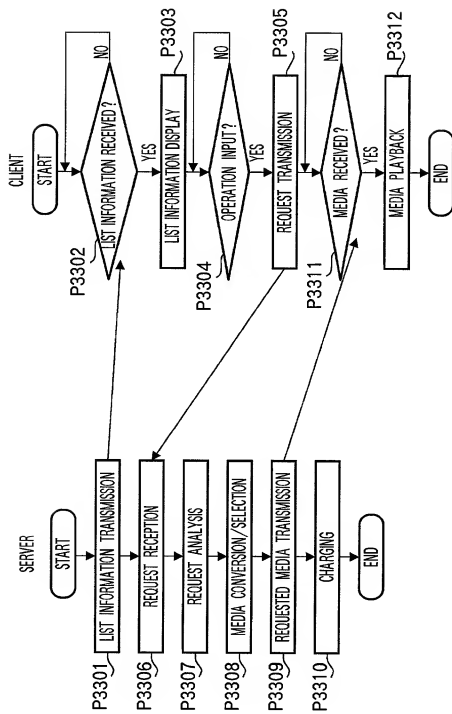


FIG. 34

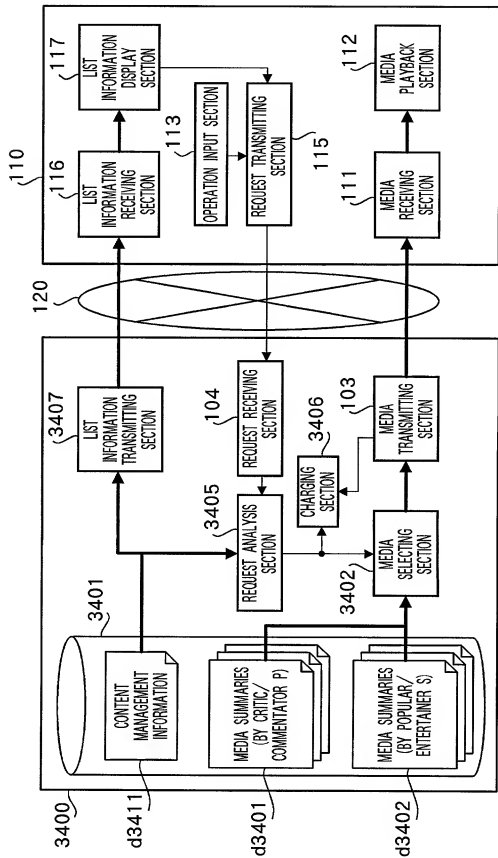


FIG. 35

d3411

200 CONTENT ID	201 CONTENT NAME	3502 MEDIA SUMMARY (BY CRITIC/COMMENTATOR)			3505 MEDIA SUMMARY (BY POPULAR/ENTERTAINER)		
		3501 LOCATOR	3507 TIME	3503 AMOUNT (CHARGE)	3504 LOCATOR	3508 TIME	3506 AMOUNT (CHARGE)
G001	AAA	a.b.c.b./AAAP.mpg	15 Minutes	¥ 300	a.b.c.b./AAAS.mpg	10 Minutes	¥ 400
G002	BBB	a.b.c.b./BBBP.mpg	10 Minutes	¥ 500	a.b.c.b./BBBS.mpg	7 Minutes	¥ 600
...	...						

CONTENT MANAGEMENT INFORMATION

FIG. 36

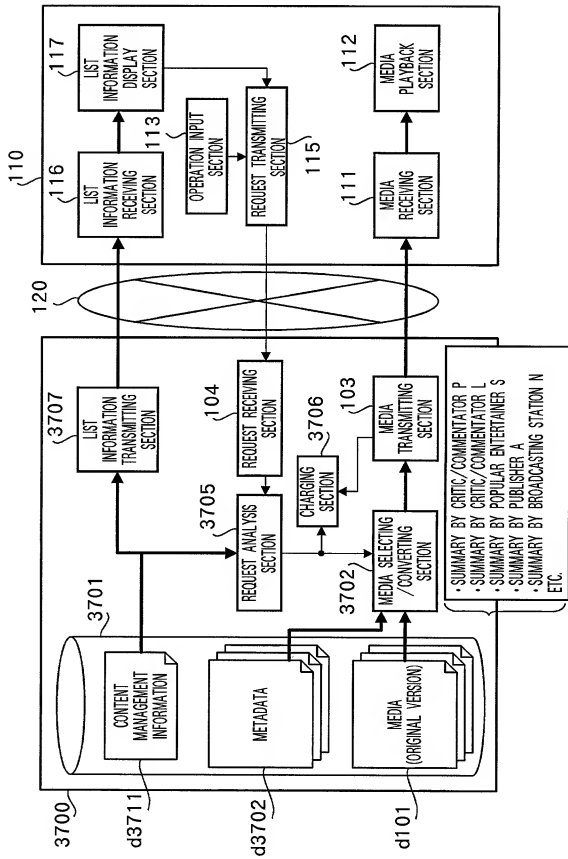


FIG. 38

d3711

CONTENT ID	CONTENT NAME	MEDIA (ORIGINAL VERSION)		METADATA		
		LOCATOR	TIME	LOCATOR	AMOUNT (CHARGE)	VERSION
H001	AAA	a.b.c.b/AAA	15 Minutes	a.b.c.b/AAA6.mp7	¥ 200	Critic/commentator P
			10 Minutes		¥ 100	Critic/commentator L
			5 Minutes		¥ 150	Popular entertainer S
H002	BBB	a.b.c.b/BBB	10 Minutes	a.b.c.b/BBB6.mp7	¥ 300	Critic/commentator P
			7 Minutes	a.b.c.b/BBB9.mp7	¥ 200	Publisher A

CONTENT MANAGEMENT INFORMATION

FIG. 39

3900		3901		3902		3805	
200	201	3901	3902	3805	3805	3805	3805
CONTENT ID	CONTENT NAME	TIME	VERSION	AMOUNT (CHARGE)			
H001	AAA	15 Minutes	Critic/commentator P	¥ 200			
		10 Minutes	Critic/commentator L	¥ 100			
		5 Minutes	Popular entertainer S	¥ 150			
H002	BBB	10 Minutes	Critic/commentator P	¥ 300			
		7 Minutes	Publisher A	¥ 200			

LIST INFORMATION

FIG. 40

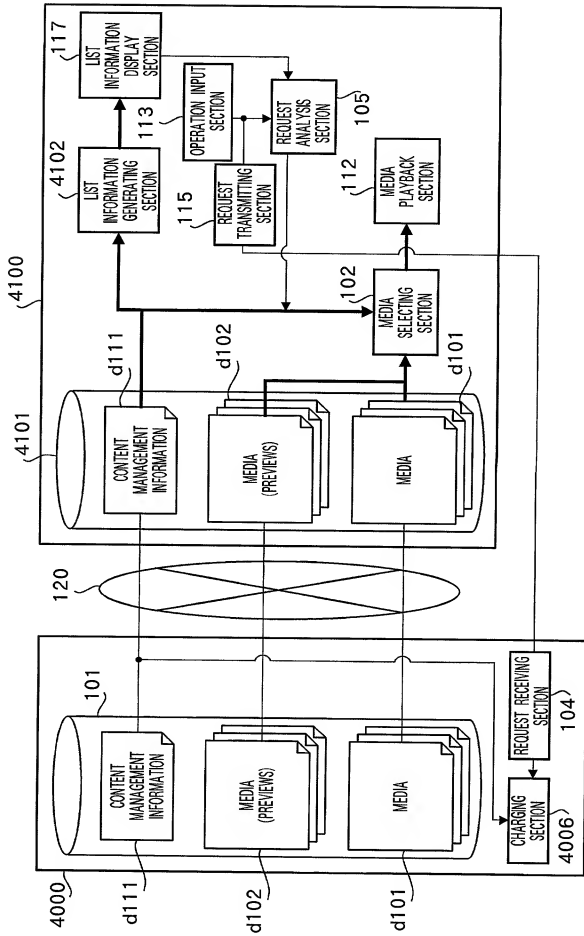


FIG. 41

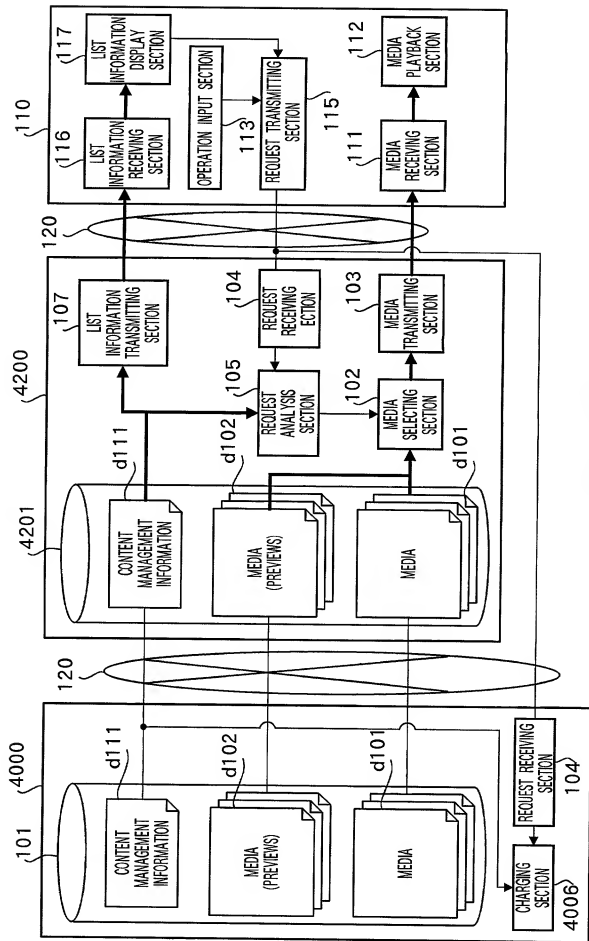


FIG. 42

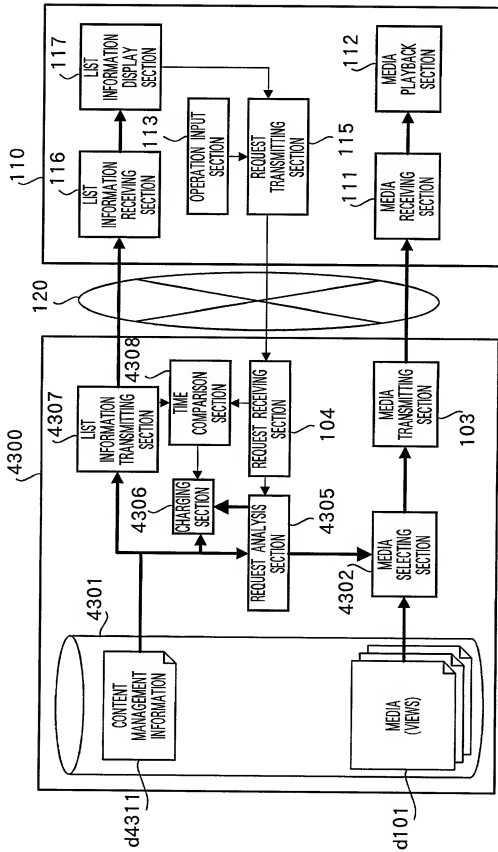


FIG. 43

d4311

CONTENT ID	CONTENT NAME	LOCATOR	MEDIA (BROADBAND)	
			ACCESS TIME THRESHOLD VALUE	AMOUNT (CHARGE)
a ϕ blc ...	AAA	a.b.c.b/AAA.mpg	Within 5 seconds	¥ 100
			Within 15 seconds	¥ 200
			Within 30 seconds	¥ 300
b ϕ cld ...	BBB	a.b.c.b/BBB.mpg	Within 1 day	¥ 300
			Within 3 day	¥ 200
			Within 7 day	¥ 100

FIG. 44

4500

201	4401	MEDIA		4402
		ACCESS TIME	AMOUNT (CHARGE)	
AAA		Within 5 seconds		¥ 100
		Within 15 seconds		¥ 200
		Within 30 seconds		¥ 300
BBB		Within 1 day		¥ 300
		Within 3 day		¥ 200
		Within 7 day		¥ 100

FIG. 45

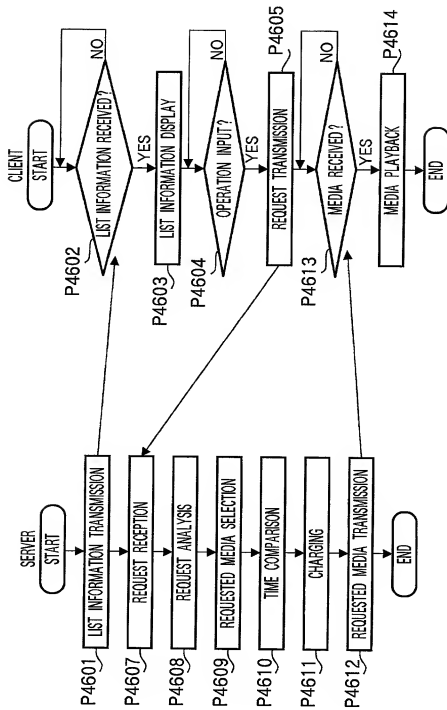


FIG. 46

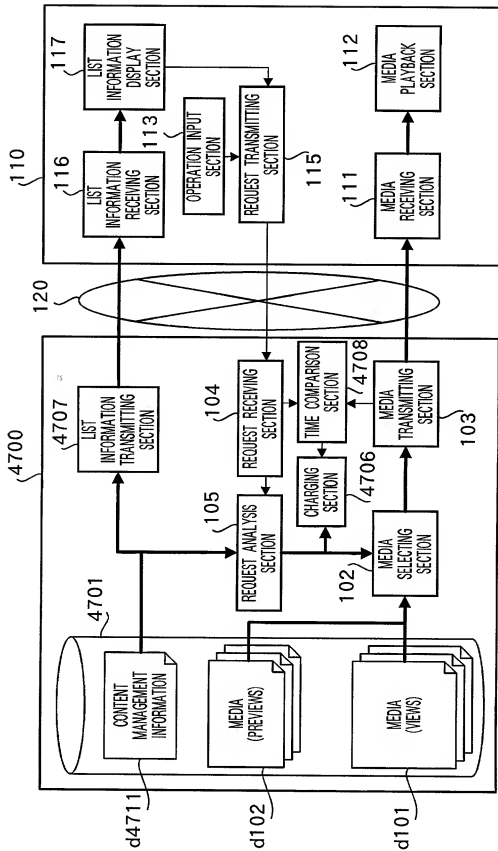


FIG. 47

4900

201		4801		4802	302
CONTENT NAME	ACCESS TIME	AMOUNT (CHARGE)			PREVIEW
AAA	Within 5 seconds	¥ 100			15 seconds
	Within 15 seconds	¥ 200			
	Within 30 seconds	¥ 300			
BBB	Within 1 day	¥ 300			1 minute
	Within 3 day	¥ 200			
	Within 7 day	¥ 100			

FIG. 49

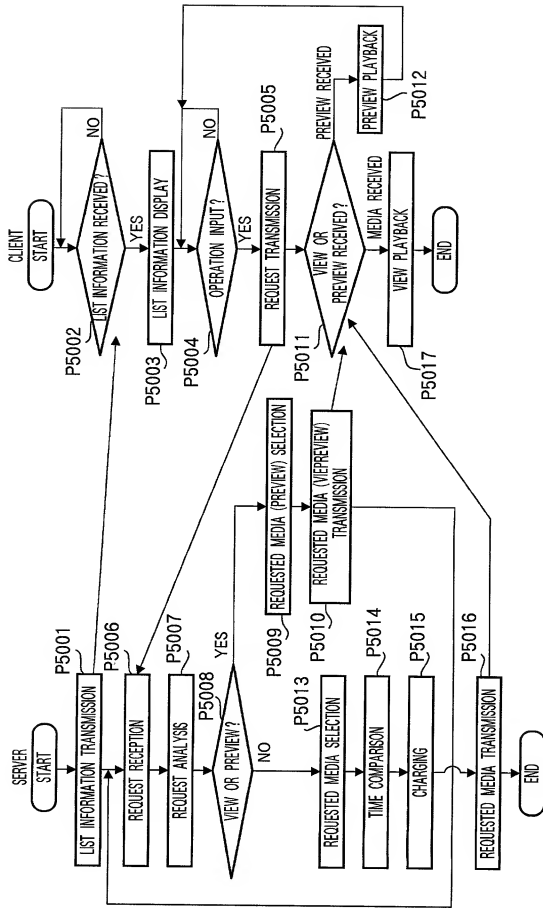


FIG. 50

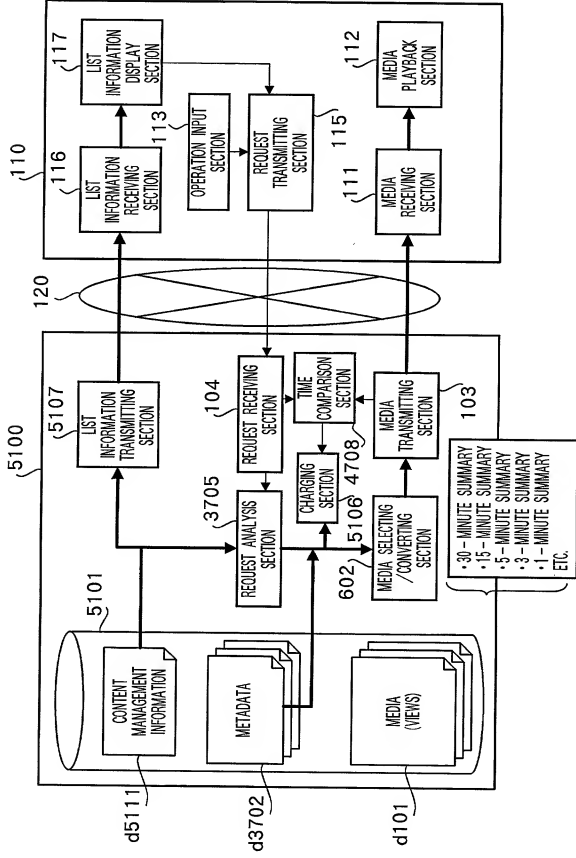


FIG. 51

d5111

200	201	202	4801	4802	3803	3804	3902
CONTENT ID	CONTENT NAME	LOCATOR	MEDIA (VIEW)		METADATA		VERSION
			ACCESS TIME	AMOUNT (CHARGE)	LOCATOR	LOCATOR	
a φ blc ...	AAA	a.b.c.b/AAA.mpg	Within 5 seconds	¥ 100		a.b.c.b/AAA6.mp7	30 - minute summary
			Within 15 seconds	¥ 200			
			Within 30 seconds	¥ 300			
			Within 5 day	¥ 200			
			Within 15 day	¥ 100			
			Within 30 day	¥ 50		a.b.c.b/AAA7.mp7	15 - minute summary

FIG. 52

5300

200 {	201 {	4801 {	4802 {	3902 {
CONTENT ID	CONTENT NAME	ACCESS TIME	AMOUNT (CHARGE)	VERSION
a φ b/c ...	AAA	Within 5 seconds	¥ 100	30 - minute summary
		Within 15 seconds	¥ 200	
		Within 30 seconds	¥ 300	
		Within 5 seconds	¥ 200	15 - minute summary
		Within 15 seconds	¥ 100	
		Within 30 seconds	¥ 50	
...	...			

LIST MANAGEMENT INFORMATION

FIG. 53

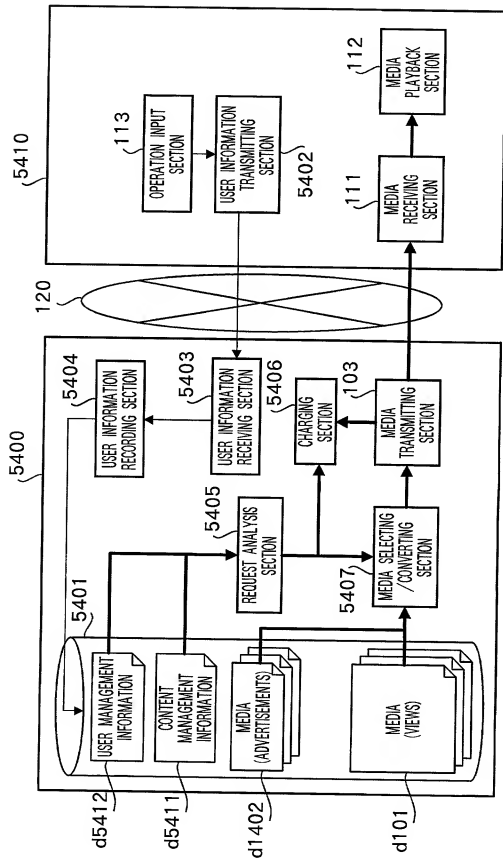


FIG. 54

d5412

USER ID	USER NAME	USER MANAGEMENT INFORMATION	
		VIEWPOINT	ADVERTISING REQUESTED
AAA	○○○	Home runs ⋮	Large amount
BBB	×××	Action ⋮	None
⋮	⋮	⋮	⋮

5600 { 5601 { 801 { 5602 { 5603

FIG. 55

d5411

200		201		204		202		301		205		801		5502		1503		1502		5501		1505		1506	
CONTENT ID	CONTENT NAME	MEDIA (VIEWS)										ADVERTISEMENTS													
		LOCATOR	TIME	AMOUNT (CHARGE)	VIEWPOINTS	ADVERTISING PAYBACK		LOCATOR	IMPORTANCE	COMPANY NAME	TIME														
M00001	AAA	a.b.c.b / AAA.mpg	15 Minutes	300円	Home runs, Hits, Luke, Leia, Solo, Action, Scenery	Large amount		a.b.c.b / CM1.mpg	A	Company A	15 seconds														
						Medium amount						a.b.c.b / CM2.mpg	B	Company B	30 seconds										
						Small amount										a.b.c.b / CM3.mpg	C	Company C	30 seconds						
	...																								

CONTENT MANAGEMENT INFORMATION

FIG. 56

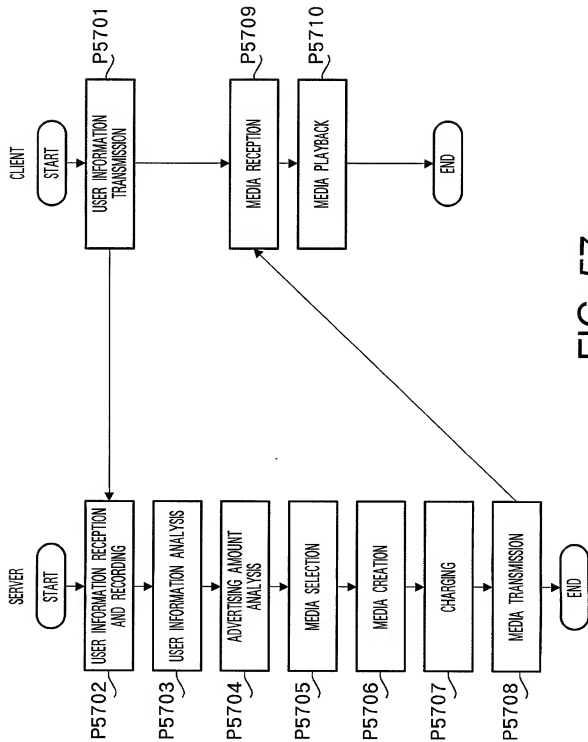


FIG. 57

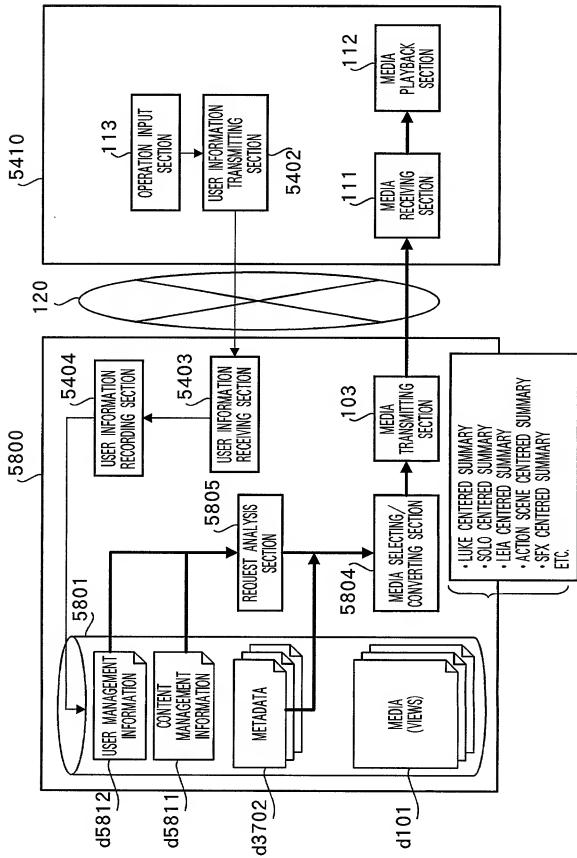


FIG. 58

d5812

5600 {		5601 {	5602 {
5600 {	USER ID	USER NAME	USER MANAGEMENT INFORMATION
	AAA	OOO	VIEWPOINT
	BBB	XXX	Home runs Action

FIG. 59

d5811

CONTENT ID	CONTENT NAME	204		801	3803
		LOCATOR	MEDIA (VIEWS)		
M00001	AAA	a.b.c.b/AAA.mpg	Home runs, Hits Luke, Leia, Solo Action, Scenery	3804	METADATA
...					LOCATOR
					a.b.c.b/AAA.mp7

CONTENT MANAGEMENT INFORMATION

FIG. 60

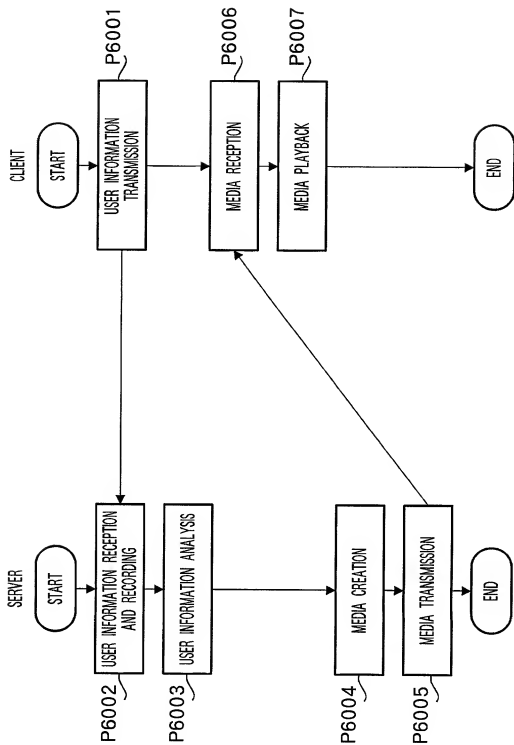


FIG. 61

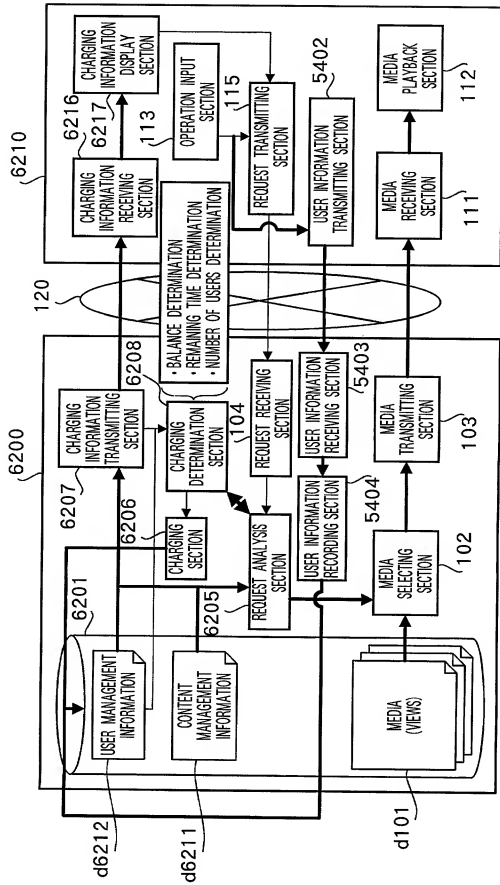


FIG. 62

d6212

USER ID	USER NAME	USER MANAGEMENT INFORMATION	
		VIEWPOINT	BALANCE
AAA	○○○	Home runs ⋮	¥ 1000
BBB	× × ×	Action ⋮	¥ 150
⋮	⋮	⋮	⋮

5600 { 5601 { 801 { 5602 { 6301

FIG. 63

d6211

200 CONTENT ID	201 CONTENT NAME	202 MEDIA (VIEWS)			6401 TIME	801 VIEWPOINTS
		204 LOCATOR	AMOUNT (CHARGE)			
a φ 1bf	AAA	a.b.c.b/AAA.mpg	10 users	¥ 500	15 Minutes	○○○
			20 users	¥ 300		
b φ 1bf	BBB	a.b.c.b/BBB.mpg	¥ 1200		1 hour	× × ×

CONTENT MANAGEMENT INFORMATION

FIG. 64

6500			
6504		6503	
201		301	
CONTENT NAME	AMOUNT (CHARGE)	TIME	
AAA	¥ 500	15分	
	2 more users required for ¥ 300 charge		
BBB	¥ 1200	1 hour	
	
LIST INFORMATION			
6502		6505	
BALANCE		¥ 1000	

FIG. 65

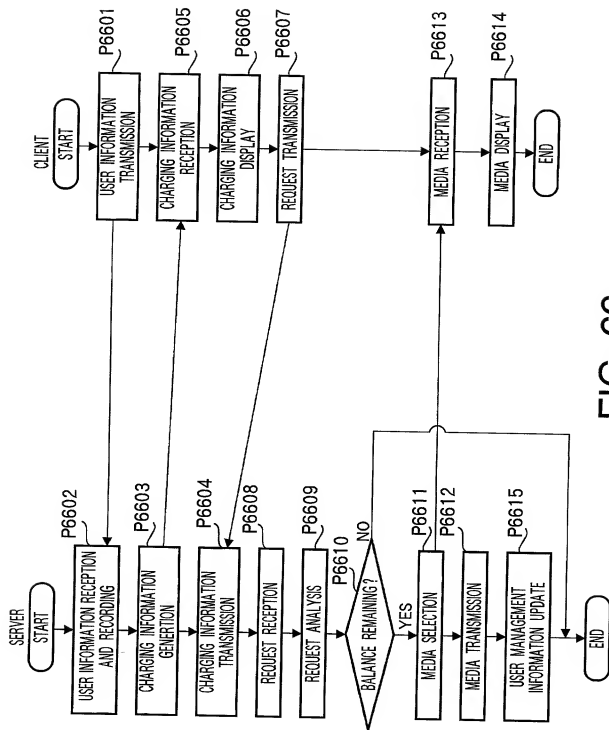


FIG. 66

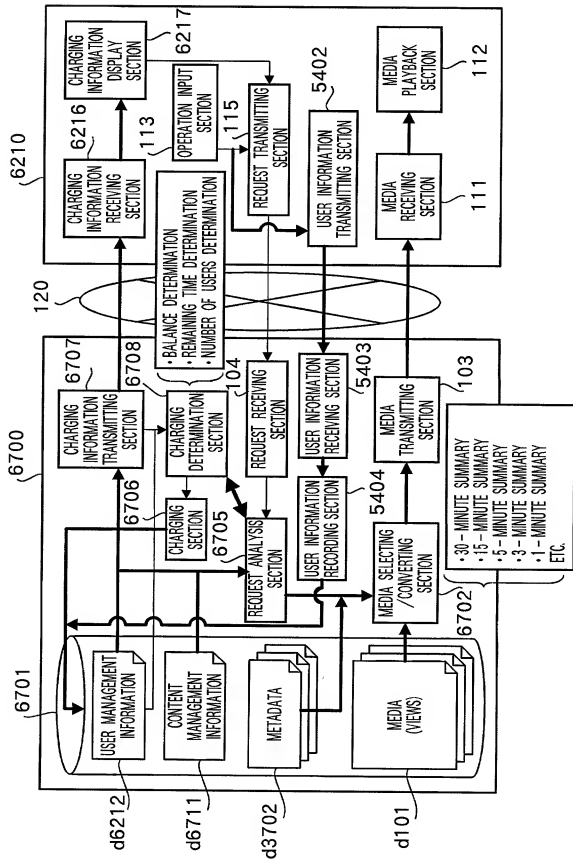


FIG. 67

d6711

200		201		202		6401		3804		3805		801	
CONTENT ID	CONTENT NAME	MEDIA (VIEWS)		TIME	METADATA		VIEWPOINT						
		LOCATOR	AMOUNT (CHARGE)		LOCATOR	AMOUNT (CHARGE)							
a ϕ 1bf ...	AAA	a.b.c.b./AAA.mpg	10 users	15 minutes	a.b.c.b./AAA.mp7	5 minutes	Home runs Hits						
			20 users			10 minutes							
b ϕ 1bf ...	BBB	a.b.c.b./BBB.mpg	30 minutes	1 hour		30 minutes	Soccer						
						50 minutes							

CONTENT MANAGEMENT INFORMATION

FIG. 68

6900

201	6503	301	3805
CONTENT NAME	AMOUNT (CHARGE)	TIME	SUMMARY AMOUNT (CHARGE)
AAA	¥ 500	15 minutes	5 minutes ¥ 200
	2 more users required for ¥ 300 charge		10 minutes ¥ 400
BBB	¥ 1200	1 hour	30 minutes ¥ 60
			50 minutes ¥ 1000
	

LIST INFORMATION

6502

6505	BALANCE	¥ 1000
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BALANCE INFORMATION

FIG. 69

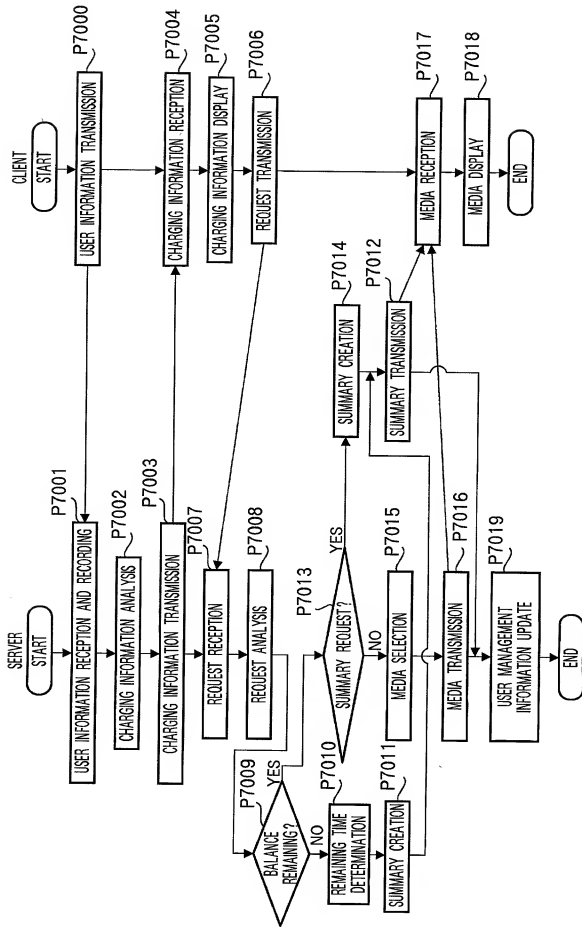


FIG. 70

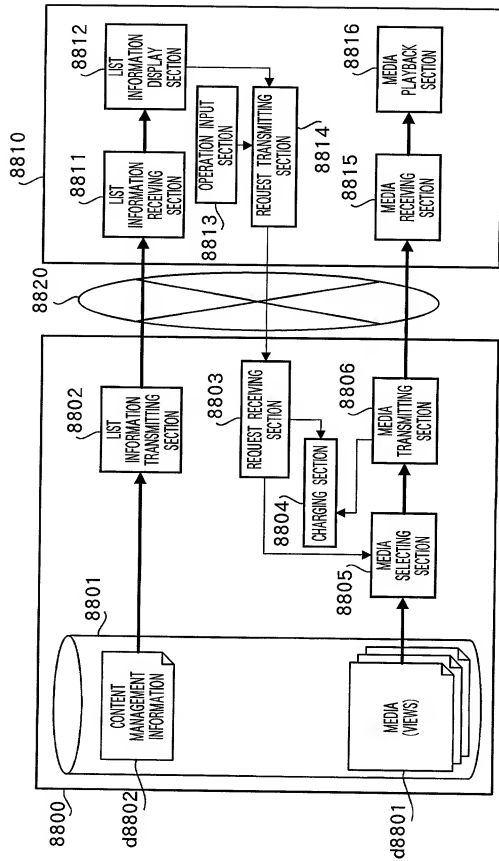


FIG. 71

d8802

CONTENT ID	CONTENT NAME	MEDIA		
		LOCATOR	AMOUNT (CHARGE)	TIME
a φ lbf	AAA	a.b.c.b/AAA.mpg	¥ 300	15 Minutes
a φ φ 54	BBB	a.b.c.b/BBB.mpg	¥ 500	30 Minutes
...	...			

CONTENT MANAGEMENT INFORMATION

FIG. 72

8200

CONTENT ID	CONTENT NAME	TIME	AMOUNT (CHARGE)
a φ lbf ...	AAA	15 Minutes	¥ 300
a φ φ 54 ...	BBB	30 Minutes	¥ 500
...	...		

LIST INFORMATION

FIG. 73

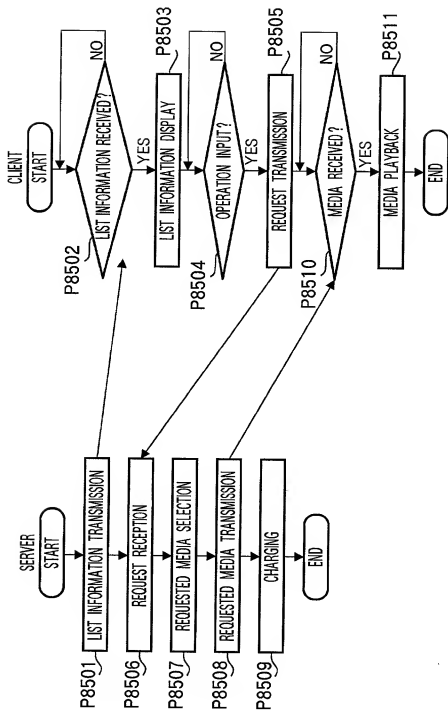


FIG. 74